## CONSOLIDATED CHECKLIST C5 Part 2 of 5 parts

Standards for Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities 40 CFR Part 264, Subparts H-J, as of June 30, 1996 as published in the July 1, 1996 CFR

#### Notes:

- 1) Consolidated Checklist C5 is divided into five separate documents/computer files solely for ease of handling its printed and electronic versions. Consolidated Checklist C5 remains one checklist; States must adopt all five portions simultaneously to correctly use this Consolidated Checklist. Note, the prenotes and endnotes associated with each part have been placed with the part to which they apply.
- 2) Several sections of Part 264, Subpart H, were revised by the September 1, 1988 final rule (53 FR 33938, withheld Revision Checklist 51), titled "Standards Applicable to Owners and Operators of Hazardous Waste Treatment, Storage, and Disposal Facilities; Liability Coverage." Subsequently, the September 1, 1988 final rule was amended by the July 1, 1991 (56 FR 30200, withheld Revision Checklist 93) and the September 16, 1992 (57 FR 42832) final rules. The September 1, 1988 final rule was the subject of litigation and its checklist, Revision Checklist 51, was withheld by EPA to encourage States not to adopt those changes until a final settlement agreement could be reached and implemented. The July 1, 1991 and September 16, 1992 rules were promulgated to make the revisions mandated by the settlement agreement. Now that all the requirements of the settlement agreement have been met, the changes addressed by the three rules are included in this version of Consolidated Checklist C5 as Revision Checklist 113.

Revision Checklist 113 is a Consolidated Liability Requirements Checklist that incorporates the September 1, 1988; July 1, 1991; and September 16, 1992 rules. In this version of Consolidated Checklist C5, reference to "113" in the "rule reference" column will signify the Consolidated Liability Requirements as addressed by Revision Checklist 113. There are several instances where multiple rules affected the same sections of code. In some cases, the changes made by one rule may be optional while the changes addressed by a second rule to the same section of code is required. States should refer to Revision Checklist 113 for detailed information to identify which specific rules affected each citation addressing liability requirements.

Note that the September 16, 1992 rule (57 FR 42832) modified the claims reporting requirements (264.147(a)(7)&(b)(7) and 265.147(a)(7)&(b)(7)) and they are less stringent than the claim reporting requirements promulgated in the September 1, 1988 rule (53 FR 33938). Thus, States which have already adopted the September 1, 1988 provisions are not required to adopt the "clarified" reporting requirements of the September 16, 1992 rule, although EPA strongly encourages them to do so. States that have not adopted the September 1, 1988 claims reporting requirements should <u>not</u> do so but should, instead, adopt the clarified September 16, 1992 version included in the 1993 CFR.

3) Sections 264.179 and 264.200, in Subparts I and J respectively, were added by the December 6, 1994, final rule published at 59 FR 62896-62953. Its applicable provisions are included in Revision Checklist 154 which is a consolidation of all the rules associated with the organic air emission standards for tanks, surface impoundments, and container requirements (Subpart CC). EPA strongly recommends States wait and adopt Revision Checklist 154 in its entirety (including all rules published through November 25, 1996) rather than adopting the December 6, 1994, final rule as represented on this consolidated checklist. The December 6, 1994, rule is designated as rule 154.1.

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	SUBF	ART H - FINANCIAL	REQUIREMEN'	ΓS			
APPLICABILITY							
264.142, 264.143, 264.147-264.151 requirements; exceptions	IV A	264.140(a)					
264.144 and 264.145 requirements apply to:	IV A	264.140(b)					
disposal facilities	IV A,109	264.140(b)(1)					
waste piles and surface impoundments	IV A,109	264.140(b)(2)					
tank systems	28,109	264.140(b)(3)					
containment buildings that are required under 264.1102 to meet the requirements for landfills	109	264.140(b)(4)					
State and Federal government exemptions	IV A	264.140(c)					
DEFINITION OF TERMS	S AS USED	IN THIS SUBPART					
"closure plan"	IV A	264.141(a)					
"current closure cost estimate"	IV A	264.141(b)					
"current post-closure cost estimate"	IV A	264.141(c)					
"parent corporation"	IV A	264.141(d)					
"post-closure plan"	IV A	264.141(e)					
terms used in financial tests	IV A	264.141(f)(intro)					
"assets"	IV A	264.141(f)					
"current assets"	IV A	264.141(f)					
"current liabilities"	IV A	264.141(f)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
"current plugging and abandonment cost estimate"	24	264.141(f)					
"independently audited"	IV A	264.141(f)					
"liabilities"	IV A	264.141(f)					
"net working capital"	IV A	264.141(f)					
"net worth"	IV A	264.141(f)					
"tangible net worth"	IV A	264.141(f)					
introduction to definitions relating to liability insurance, bodily injury, and property damage	IV A	264.141(g)(intro)					
"accidental occurrence"	IV A	264.141(g)					
"legal defense costs"	IV A	264.141(g)					
"nonsudden accidental occurrence"	IV A	264.141(g)					
"sudden accidental occurrence"	IV A	264.141(g)					
"substantial business relationship"	113	264.141(h)					
COST ESTIMATE FOR (	CLOSURE						
owner or operator must have written cost estimate	IV A,24, 45,109	264.142(a)					
equal to cost of final closure	24	264.142(a)(1)					
based on costs of hiring third party	24	264.142(a)(2)					
no incorporation of salvage value	24,†64	264.142(a)(3)					
no incorporation of zero cost	24,†64	264.142(a)(4)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
adjust closure cost estimate for inflation	IV A,24	264.142(b)					
first adjustment	IV A	264.142(b)(1)					
subsequent adjustments	IV A	264.142(b)(2)					
revised closure cost estimate	IV A,24	264.142(c)					
cost estimates to be kept at facility	IV A	264.142(d)					
FINANCIAL ASSURANC	CE FOR CL	OSURE				_	_
options to establish financial assurance	*	264.143					
closure trust fund; requirements; trustee must have authority	IV A	264.143(a)(1)					
wording identical to 264.151(a)(1); Schedule A update	IV A	264.143(a)(2)					
annual payments; "pay-in period"	IV A	264.143(a)(3)					
first payment for new facility; subsequent payments	IV A	264.143(a)(3)(i)					
payments for permitted facility	IV A	264.143(a)(3)(ii)					
accelerated payments	IV A	264.143(a)(4)					
payments if previous use of alternate mechanisms	IV A	264.143(a)(5)					
compare new estimate to trust fund	IV A	264.143(a)(6)					
release of excess amount	IV A	264.143(a)(7)					
substitution of other financial assurance	IV A	264.143(a)(8)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
timing of release of funds	IV A	264.143(a)(9)					
reimbursement for closure activities	IV A,24	264.143(a)(10)					
termination of trust if		264.143(a)(11)					
alternate financial assurance or release from		264.143(a)(11)(i)					
264.143 requirements	IV A	264.143(a)(11)(ii)					
surety bond guaranteeing payment into a closure trust fund; requirements; obtain from an acceptable surety company	IV A	264.143(b)(1)					
wording identical to 264.151(b)	IV A	264.143(b)(2)					
establish standby trust fund	IV A	264.143(b)(3)					
trust agreement submitted with surety bond	IV A	264.143(b)(3)(i)					
until standby trust fund is funded, following not required:	IV A	264.143(b)(3)(ii)					
payments into trust fund	IV A	264.143(b)(3)(ii)(A)					
Schedule A update	IV A	264.143(b)(3)(ii)(B)					
annual valuations	IV A	264.143(b)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(b)(3)(ii)(D)					
surety bond guarantees:	IV A	264.143(b)(4)					
funding of standby trust fund	IV A	264.143(b)(4)(i)					
fund equal to penal sum within 15 days of administrative or judicial order	IV A,24	264.143(b)(4)(ii)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
alternate financial assurance following notice of cancellation	IV A	264.143(b)(4)(iii)					
when surety becomes liable	IV A	264.143(b)(5)					
penal sum equal to current cost estimate	IV A	264.143(b)(6)					
penal sum increase or decrease	IV A	264.143(b)(7)					
surety may cancel bond after 120 days	IV A	264.143(b)(8)					
owner or operator may cancel bond if written consent	IV A	264.143(b)(9)					
surety bond guaranteeing performance of closure; requirements; obtain from acceptable surety company	IV A	264.143(c)(1)					
wording identical to 264.151(c)	IV A	264.143(c)(2)					
establish standby trust fund	IV A	264.143(c)(3)					
trust agreement submitted with surety bond	IV A	264.143(c)(3)(i)					
unless standby trust fund is funded, the following not required:	IV A	264.143(c)(3)(ii)					
payments to trust fund	IV A	264.143(c)(3)(ii)(A)					
Schedule A update	IV A	264.143(c)(3)(ii)(B)					
annual valuations	IV A	264.143(c)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(c)(3)(ii)(D)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.143(c)(4)					
what the bond must		264.143(c)(4)(i)					
guarantee	IV A	264.143(c)(4)(ii)					
surety will become liable when owner/operator fails to perform as bond guarantees; following final Administrative Order perform final closure or deposit penal sum in standby trust fund	IV A,24	264.143(c)(5)					
amount of penal sum	IV A	264.143(c)(6)					
if current closure cost estimate increases to an amount greater than penal sum, then increase penal sum within 60 days	IV A	264.143(c)(7)					
surety may cancel bond; procedures	IV A	264.143(c)(8)					
owner or operator may		264.143(c)(9)					
cancel bond if Regional Administrator consents in		264.143(c)(9)(i)					
writing; conditions	IV A	264.143(c)(9)(ii)					
surety not liable for deficiencies in closure performance after Regional Administrator releases owner or operator from requiring 264.143	IV A	264.143(c)(10)					
closure letter of credit; when letter must be submitted to Regional Administrator; conditions of letter and who can issue it	IV A	264.143(d)(1)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
wording identical to 264.151(d)	IV A	264.143(d)(2)					
establish standby trust fund; meets requirements of 264.143(a) except:	IV A	264.143(d)(3)					
originally signed duplicate to Regional Administrator with letter of credit	IV A	264.143(d)(3)(i)					
unless standby trust fund is funded, the following are not required:	IV A	264.143(d)(3)(ii)					
payments into trust fund	IV A	264.143(d)(3)(ii)(A)					
Schedule A update	IV A	264.143(d)(3)(ii)(B)					
annual valuations	IV A	264.143(d)(3)(ii)(C)					
notices of nonpayment	IV A	264.143(d)(3)(ii)(D)					
letter of credit accompanied by letter from owner/operator; information it must contain	IV A	264.143(d)(4)					
terms of letter of credit	IV A	264.143(d)(5)					
issued in amount equal to current closure cost estimate except as provided in 264.143(g)	IV A	264.143(d)(6)					
if current closure cost estimate increases to an amount greater than credit amount, then must increase credit amount within 60 days; actions when closure costs decrease	IV A	264.143(d)(7)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
after final RCRA 3008 determination, Regional Administrator may draw on letter of credit	IV A,24	264.143(d)(8)					
if no alternate financial assurance, Regional Administrator can draw on letter of credit; procedures for doing so	IV A	264.143(d)(9)					
conditions under which	1 7 1	264.143(d)(10)					
the Regional Administrator will return		264.143(d)(10)(i)					
the letter of credit for termination	IV A	264.143(d)(10)(ii)					
closure insurance must conform to 264.143(e) requirements; submit certificate to Regional Administrator; insurer requirements	IV A	264.143(e)(1)					
identical to 264.151(e) wording	IV A	264.143(e)(2)					
amount of insurance policy	IV A	264.143(e)(3)					
what the policy must guarantee	IV A	264.143(e)(4)					
owner/operator may request reimbursements; conditions for; procedures of Regional Administrator if maximum closure cost is greater than face value of policy	IV A,24	264.143(e)(5)					
policy must be in full force until Regional Administrator consents to termination; violations	IV A	264.143(e)(6)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
assignment of policy to successor	IV A	264.143(e)(7)					
insurer cannot terminate except for failure to pay; renewal; procedures if failure to pay	IV A	264.143(e)(8)					
		264.143(e)(8)(i)					
		264.143(e)(8)(ii)					
conditions that policy will remain in full force and		264.143(e)(8)(iii)					
effect in the event that the listed circumstances		264.143(e)(8)(iv)					
occur	IV A	264.143(e)(8)(v)					
owner/operator responsibilities and procedures when current closure cost estimate increases/decreases to an amount greater/less than face amount of policy	IV A	264.143(e)(9)					
conditions under which		264.143(e)(10)					
Regional Administrator will allow termination of		264.143(e)(10)(i)					
policy	IV A	264.143(e)(10)(ii)					
financial test and corporate guarantee for closure; owner/operator must satisfy 264.143(f) (1)(i) or (ii) requirements to pass financial test	IV A	264.143(f)(1)					
what owner/operator must have:	IV A	264.143(f)(1)(i)					
two of three specified financial ratios	IV A	264.143(f)(1)(i)(A)					

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net working capital and tangible net worth relative to closure/post- closure estimates	IV A,24	264.143(f)(1)(i)(B)					
tangible net worth of at least \$10 million	IV A	264.143(f)(1)(i)(C)					
90% of assets in U.S.	IV A,24	264.143(f)(1)(i)(D)					
what owner/operator must have:	IV A	264.143(f)(1)(ii)					
bond rating	IV A	264.143(f)(1)(ii)(A)					
tangible net worth at six times sum of closure/post-closure cost estimates	IV A,24	264.143(f)(1)(ii)(B)					
tangible net worth at least \$10 million	IV A	264.143(f)(1)(ii)(C)					
90% of assets in U.S.	IV A,24	264.143(f)(1)(ii)(D)					
definitions of "current closure and post-closure cost estimates" and "current plugging and abandonment cost estimates"	IV A,24	264.143(f)(2)					
		264.143(f)(3)					
		264.143(f)(3)(i)					
		264.143(f)(3)(ii)					
what the owner/operator must submit to the		264.143(f)(3)(iii)					
Regional Administrator to demonstrate he meets		264.143(f)(3)(iii)(A)					
the financial test	IV A	264.143(f)(3)(iii)(B)					
when 264.143(f)(3) items must be submitted	IV A	264.143(f)(4)					
updates at close of each fiscal year	IV A	264.143(f)(5)					

40 CFR Part 264, Subparts H-J, as of June 30, 1996 (cont'd)

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
owner/operator responsibilities if no longer meets 264.143(f) (1) requirements	IV A	264.143(f)(6)					
what Regional Administrator may do if suspects owner/operator no longer meets 264.143(f)(1)	IV A	264.143(f)(7)					
when Regional Administrator may disallow test	IV A	264.143(f)(8)					
		264.143(f)(9)					
when 264.143(f)(3) items		264.143(f)(9)(i)					
no longer need to be submitted	IV A	264.143(f)(9)(ii)					
requirement may be met by corporate guarantee; conditions which guarantor and guarantee must meet	IV A,	264.143(f)(10)					
		264.143(f)(10)(i)					
what the terms of the corporate guarantee must		264.143(f)(10)(ii)					
provide guarantee must	IV A	264.143(f)(10)(iii)					
use of multiple financial mechanisms; conditions which must be met	IV A	264.143(g)					
use of financial mechanism for multiple facilities; conditions which must be met	IV A	264.143(h)					
release of owner/operator from the requirements of 264.143	IV A,24	264.143(i)					

COST ESTIMATE FOR POST-CLOSURE CARE

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
detailed written estimate, in current dollars, of annual cost of post- closure monitoring and maintenance	IV A,24, 45	264.144(a)					
post-closure cost estimate based on hiring third party to conduct care	IV A,24	264.144(a)(1)					
calculation of estimate	IV A,24	264.144(a)(2)					
adjust for inflation; specifications on when this must be done; inflation factor	IV A,24	264.144(b)					
first adjustment	IV A	264.144(b)(1)					
subsequent adjustments	IV A	264.144(b)(2)					
revise post-closure care estimate when post- closure plan changes	IV A,24	264.144(c)					
what must be kept at facility	IV A	264.144(d)					

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
FINANCIAL ASSURANC	CE FOR PO	ST-CLOSURE CARE					
deadline for obtaining financial assurance; options from which owner/operator may choose	*,24	264.145					
post-closure trust fund; requirements which trust and trustee must meet; submit to Regional Administrator	IV A	264.145(a)(1)					
trust must have wording identical to that specified in 264.151(a)(1); formal certification of acknowledgment; Schedule A	IV A	264.145(a)(2)					
Benedia 11	1 , 11	264.145(a)(3)					
annual payments;		264.145(a)(3)(i)					
procedures and formulas for determining	IV A	264.145(a)(3)(ii)					
the value at which fund must be maintained	IV A	264.145(a)(4)					
first payment of post- closure trust fund after another mechanism was used	IV A	264.145(a)(5)					
after pay-in period, what must be done if fund value is less than new estimate	IV A	264.145(a)(6)					
written request to Regional Administrator for release of excess in fund	IV A	264.145(a)(7)					

40 CFR Part 264, Subparts H-J, as of June 30, 1996 (cont'd)

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
other financial procedure if substitute assurance for all or part of fund	IV A	264.145(a)(8)					
within 60 days after request for fund release, Regional Administrator will instruct trustee to do so	IV A	264.145(a)(9)					
fund release during post- closure	IV A	264.145(a)(10)					
reimbursement for post- closure care expenditures	IV A,24	264.145(a)(11)					
		264.145(a)(12)					
conditions under which a Regional Administrator		264.145(a)(12)(i)					
will terminate a trust	IV A	264.145(a)(12)(ii)					
surety bond guaranteeing payment into a post- closure fund; specific conditions which surety and company issuing surety must meet	IV A	264.145(b)(1)					
surety bond wording must be identical to that specified in 264.151(b)	IV A	264.145(b)(2)					
establish a standby trust; trust must meet 264.145(a) requirements except:	IV A	264.145(b)(3)					
originally signed duplicate to Regional Administrator	IV A	264.145(b)(3)(i)					
		264.145(b)(3)(ii)					
until standby trust is	IV A	264.145(b)(3)(ii)(A)					
funded, specific requirements that are not		264.145(b)(3)(ii)(B)					

required

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FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.145(b)(3)(ii)(C)					
		264.145(b)(3)(ii)(D)					
the bond must guarantee that the owner/operator will do the following:	IV A	264.145(b)(4)					
fund the standby trust equal to penal sum before begin final closure	IV A	264.145(b)(4)(i)					
fund standby trust fund equal to penal sum within 15 days of order to close	IV A,24	264.145(b)(4)(ii)					
provide alternate financial assurance	IV A	264.145(b)(4)(iii)					
when surety becomes liable	IV A	264.145(b)(5)					
what penal sum must be equal to	IV A	264.145(b)(6)					
adjustment to penal sum due to post-closure cost estimate increase/ decrease	IV A	264.145(b)(7)					
conditions under which surety may cancel bond	IV A	264.145(b)(8)					
conditions under which owner or operator may cancel bond	IV A	264.145(b)(9)					
surety bond guaranteeing performance of post-closure care	IV A	264.145(c)					
conditions surety bond and surety company must meet	IV A	264.145(c)(1)					
identical wording to 264.151(c)	IV A	264.145(c)(2)					

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establish standby trust fund; meet 264.145(a) requirements except:	IV A	264.145(c)(3)					
originals and duplicate of trust agreement to Regional Administrator	IV A	264.145(c)(3)(i)					
		264.145(c)(3)(ii)					
		264.145(c)(3)(ii)(A)					
unless standby trust fund is funded according to		264.145(c)(3)(ii)(B)					
section requirements, specific procedures that		264.145(c)(3)(ii)(C)					
are not required	IV A	264.145(c)(3)(ii)(D)					
		264.145(c)(4)					
what the bond must		264.145(c)(4)(i)					
guarantee	IV A	264.145(c)(4)(ii)					
when the surety becomes liable; keyed to final administrative 3008 determination	IV A,24	264.145(c)(5)					
what penal sum must be equal to	IV A	264.145(c)(6)					
adjustments to penal sum due to post-closure cost estimate increase/ decrease	IV A	264.145(c)(7)					
approval of decrease in penal sum	IV A	264.145(c)(8)					
conditions under which surety may cancel bond	IV A	264.145(c)(9)					
		264.145(c)(10)					
conditions under which owner or operator may		264.145(c)(10)(i)					
cancel bond	IV A	264.145(c)(10)(ii)					

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what the surety is not liable for	IV A	264.145(c)(11)					
post-closure letter of credit	IV A	264.145(d)					
conditions the letter of credit and its issuing institution must meet	IV A	264.145(d)(1)					
identical wording to that specified in 264.151(d)	IV A	264.145(d)(2)					
establish standby trust fund; meet 264.145(a) conditions, except:	IV A	264.145(d)(3)					
originally signed duplicate of trust agreement to Regional Administrator	IV A	264.145(d)(3)(i)					
		264.145(d)(3)(ii)					
		264.145(d)(3)(ii)(A)					
		264.145(d)(3)(ii)(B)					
unless standby trust fund is funded, specific items		264.145(d)(3)(ii)(C)					
not required	IV A	264.145(d)(3)(ii)(D)					
letter of credit must be accompanied by letter; what letter must contain	IV A	264.145(d)(4)					
terms of letter of credit	IV A	264.145(d)(5)					
amount of letter of credit	IV A	264.145(d)(6)					
adjustments to amount of credit due to increase/ decrease in post-closure cost estimate	IV A	264.145(d)(7)					
conditions under which amount of letter of credit can be decreased	IV A,24	264.145(d)(8)					

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after final 3008 administrative determination, Regional Administrator may draw on credit	IV A,24	264.145(d)(9)					
when the Regional Administrator can draw on letter of credit	IV A	264.145(d)(10)					
		264.145(d)(11)					
termination of letter of		264.145(d)(11)(i)					
credit	IV A	264.145(d)(11)(ii)					
post-closure insurance; conditions the insurance and the insurer must meet	IV A	264.145(e)(1)					
wording identical to wording specified in 264.151(e)	IV A	264.145(e)(2)					
"face amount" policy must be issued for	IV A	264.145(e)(3)					
what policy must guarantee	IV A	264.145(e)(4)					
request for reimbursement; procedures for reimbursement	IV A,24	264.145(e)(5)					
maintain policy in full force until Regional Administrator consents to terminate; failure to pay	IV A	264.145(e)(6)					
assignment of policy to successor	IV A	264.145(e)(7)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.145(e)(8)					
excepting failure to pay, policy must provide that		264.145(e)(8)(i)					
insurer may not cancel,		264.145(e)(8)(ii)					
terminate or fail to renew; conditions under which		264.145(e)(8)(iii)					
policy remains in full		264.145(e)(8)(iv)					
force following date of expiration	IV A	264.145(e)(8)(v)					
adjustments to face amount due to increase/decrease in post- closure cost estimates	IV A	264.145(e)(9)					
annual increase of face amount	IV A	264.145(e)(10)					
		264.145(e)(11)					
conditions under which insurance policy may be		264.145(e)(11)(i)					
terminated	IV A	264.145(e)(11)(ii)					
financial test and corporate guarantee for post-closure care; pass financial test; criteria for passing test	IV A	264.145(f)(1)					
specific criteria:	IV A	264.145(f)(1)(i)					
have two of the three specified ratios	IV A	264.145(f)(1)(i)(A)					
net working capital and tangible net worth at least six times sum of current closure/post-closure cost estimates and plugging/ abandonment cost estimates	IV A,24	264.145(f)(1)(i)(B)					
tangible net worth at lest \$10 million	IV A	264.145(f)(1)(i)(C)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
90% of assets in U.S. or six times sum of current closure/post-closure cost estimate and current plugging/abandonment costs	IV A,24	264.145(f)(1)(i)(D)					
owner or operator must have:	IV A	264.145(f)(1)(ii)					
a specified bond rating	IV A	264.145(f)(1)(ii)(A)					
tangible net worth six times sum of current closure/post-closure cost estimates and plugging/ abandonment cost estimates	IV A,24	264.145(f)(1)(ii)(B)					
tangible net worth of at least \$10 million	IV A	264.145(f)(1)(ii)(C)					
90% of assets in U.S. or six times sum of current closure/post-closure cost estimate and current plugging/abandonment costs	IV A,24	264.145(f)(1)(ii)(D)					
definition of "current closure and post-closure cost estimates" and "current plugging and abandonment cost estimates"	IV A,24	264.145(f)(2)					
		264.145(f)(3)					
		264.145(f)(3)(i)	_		_		
		264.145(f)(3)(ii)					
to demonstrate meets 264.145(f)(1) test, items		264.145(f)(3)(iii)					
which must be submitted		264.145(f)(3)(iii)(A)					
to Regional Administrator	IV A	264.145(f)(3)(iii)(B)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
when items must be submitted	IV A	264.145(f)(4)					
when updated information must be submitted	IV A	264.145(f)(5)					
responsibilities when 264.145(f)(1) requirements are no longer met	IV A	264.145(f)(6)					
Regional Administrator's actions when suspects owner/operator no longer meets 264.145(f)(1)	IV A	264.145(f)(7)					
when Regional Administrator may disallow use of test	IV A	264.145(f)(8)					
when Regional Administrator may approve decrease in current post-closure cost estimates	IV A	264.145(f)(9)					
specific conditions under		264.145(f)(10)					
which 264.145(f)(3)		264.145(f)(10)(i)					
items no longer need to be submitted	IV A	264.145(f)(10)(ii)					
	IV A, †113	264.145(f)(11)					
guarantee may meet		264.145(f)(11)(i)					
264.145 requirements; conditions guarantee		264.145(f)(11)(ii)					
must meet	IV A	264.145(f)(11)(iii)					
use of multiple financial mechanisms	IV A	264.145(g)					
use of financial mechanism for multiple facilities	IV A	264.145(h)					

				STATE ANALOG IS:			
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
release of the owner or operator from the requirements of 264.145	IV A,24	264.145(i)					
USE OF A MECHANISM CARE	I FOR FINA	NCIAL ASSURANCE	E OF BOTH CLOS	SURE A	ND POST	Γ-CLOS	JRE
financial assurance requirements for both closure and post-closure can be met by specific types of mechanisms which meet 264.143 and 264.145 specifications; amount of funds which							
must be available	IV A	264.146					
coverage for sudden accidental occurrences; ways liability insurance may be demonstrated	IV A,	264.147(a)					
liability insurance meeting the following:	IV A	264.147(a)(1)					
attachment of Hazardous Waste Facility Liability Endorsement or Certificate of Liability Insurance; required wording; submittal of signed duplicate original	IV A	264.147(a)(1)(i)					
minimum requirements insurer must meet	IV A	264.147(a)(1)(ii)					
meet financial test or use guarantee for liability coverage as specified in 264.147(f)&(g)	IV A, †27,113	264.147(a)(2)					

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						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	requirements may be met by obtaining letter of credit for liability coverage	IV A,†27, †113	264.147(a)(3)					
†	requirements may be met by obtaining surety bond for liability coverage	113	264.147(a)(4)					
†	requirements may be met by obtaining trust fund for liability coverage	113	264.147(a)(5)					
†	liability coverage may be demonstrated by combination of financial mechanisms; amount of coverage must total at least the minimum amounts required by 264.147; specification of "primary" and "excess" coverage	113	264.147(a)(6)					
4	notify Regional Administrator in writing whenever:	113	264.147(a)(7)					
4	claims reduce amount of financial assurance for liability coverage	113	264.147(a)(7)(i)					
4	Certification of Valid Claim for bodily injury or property damages caused by sudden or non-sudden accidental occurrence is entered between the owner or operator and a third- party claimant	113	264.147(a)(7)(ii)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
4	final court order establishing judgment for bodily injury or property damage caused by sudden or non-sudden accidental occurrence is issued against the owner or operator or an instrument providing financial assurance	113	264.147(a)(7)(iii)					
3,5	coverage for nonsudden accidental occurrences; ways coverage may be demonstrated	IV A,45, 113	264.147(b)					
	demonstrate by having liability insurance with the following requirements:	IV A	264.147(b)(1)					
	attachment of Hazardous Waste Facility Liability Endorsement or Certificate of Liability Insurance; required wording; submittal of signed duplicate original	IV A	264.147(b)(1)(i)					
	minimum requirements for insurer	IV A	264.147(b)(1)(ii)					
	pass financial test or use guarantee for liability coverage as specified in 264.147(f)&(g)	IV A,†27, †113	264.147(b)(2)					
	requirements may be met by obtaining letter of credit for liability coverage	IV A,†27, †113	264.147(b)(3)					
6	requirements may be met by obtaining surety bond for liability coverage	IV A, †113	264.147(b)(4)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†	requirements may be met by obtaining trust fund for liability coverage	113	264.147(b)(5)					
†	liability coverage may be demonstrated by combination of mechanisms; amount of coverage must total at least the minimum amount required by 264.147; specification of "primary" and "excess" coverage	113	264.147(b)(6)					
4	notify Regional Administrator in writing whenever:	113	264.147(b)(7)					
4	claims reduce amount of financial assurance for liability coverage	113	264.147(b)(7)(i)					
4	Certification of Valid Claim for bodily injury or property damages caused by sudden or non-sudden accidental occurrence is entered between the owner or operator and a third- party claimant	113	264.147(b)(7)(ii)					
4	final court order establishing judgment for bodily injury or property damage caused by sudden or non-sudden accidental occurrence is issued against the owner or operator or an instrument providing financial assurance	113	264.147(b)(7)(iii)					

				STATE ANALOG IS:			
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
requests for variance from 264.147(a) or (b) requirements; form of	IV A	264 147(a)					
variance requirements	IV A	264.147(c)					
adjustments to required financial responsibility							
levels by Regional Administrator; criteria							
which must be used	IV A	264.147(d)					
when liability coverage may be terminated	IV A,24	264.147(e)					
financial test for liability							
coverage; criteria of 265.147(f)(1)(i) or (ii)							
must be met	IV A	264.147(f)(1)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.147(f)(1)(i)					
		264.147(f)(1)(i)(A)					
		264.147(f)(1)(i)(B)					
		264.147(f)(1)(i)(C)					
		264.147(f)(1)(ii)					
		264.147(f)(1)(ii)(A)					
		264.147(f)(1)(ii)(B)					
what the owner or		264.147(f)(1)(ii)(C)					
operator must have	IV A	264.147(f)(1)(ii)(D)					
"amount of liability coverage"	IV A	264.147(f)(2)					
		264.147(f)(3)					
		264.147(f)(3)(i)					
		264.147(f)(3)(ii)					
		264.147(f)(3)(iii)					
three items the owner or		264.147(f)(3)(iii)(A)					
operator must submit	IV A	264.147(f)(3)(iii)(B)					
deadline for submittal	IV A	264.147(f)(4)					
updated information	IV A	264.147(f)(5)					
evidence of liability coverage if 264.147(f)(1) requirements not met	IV A, †113	264.147(f)(6)					
Regional Administrator may disallow test; cause for disallowance	IV A	264.147(f)(7)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†,7,8	Guarantee for Liability Co	verage						
	guarantee for liability coverage; requirements guarantor must meet	27,†113	264.147(g)(1)					
	payment by guarantor if owner or operator fails to satisfy a judgment	27	264.147(g)(1)(i)					
9	removed and reserved	27,†113	264.147(g)(1)(ii)					
	corporations incorporated in U.S.	27,†43, †113	264.147(g)(2)(i)					
	corporations incorporated outside U.S.	27,†43, †113	264.147(g)(2)(ii)					
10	letter of credit for liability coverage	*,†27, †113	264.147(h)					
†,11	requirements may be satisfied by obtaining irrevocable standby letter of credit that conforms to 264.147(h) requirements and submitting copy to Regional Administrator	113	264.147(h)(1)					
†	criteria for financial institution issuing letter of credit	113	264.147(h)(2)					
†	wording of letter of credit must be identical to wording specified in 264.151(k)	113	264.147(h)(3)					
†	establishment and use of standby trust fund by owner or operator using letter of credit	113	264.147(h)(4)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†	wording of standby trust fund must be identical to wording specified in 264.151(n)	113	264.147(h)(5)					
†	"Surety bond for liability coverage"	113	264.147(i)					
†	requirements may be satisfied by obtaining surety bond conforming to 264.147(i) requirements and submitting copy to Regional Administrator	113	264.147(i)(1)					
†	criterion for surety company issuing bond	113	264.147(i)(2)					
†	wording of surety bond must be identical to wording specified in 264.151(1)	113	264.147(i)(3)					
†			264.147(i)(4)					
	conditions under which surety bond may be used	113	264.147(i)(4)(i) 264.147(i)(4)(ii)					
†	"Trust fund for liability coverage"	113	264.147(j)					
†	requirements may be satisfied by establishing trust fund and submitting an originally signed duplicate of trust agreement to Regional Administrator	113	264.147(j)(1)					
†	criteria for trustee	113	264.147(j)(2)					

					STATE ANALOG IS:			
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
†	trust fund must be funded for full amount of liability coverage it is to provide; requirements if fund is reduced below full amount; definition of "full amount"	113	264.147(j)(3)					
†	wording of trust fund must be identical to wording specified in 264.151(m)	113	264.147(j)(4)					
10	until 10/16/82, use of endorsement or insurance without certification of insurer	*,†27, †113	264.147(k)					
	INCAPACITY OF OWNE	ERS OR OP	ERATORS, GUARAN	TORS, OR FINA	NCIAL I	NSTITU	TIONS	
	incapacity through bankruptcy of owner or operator or guarantor	IV A	264.148(a)					
	incapacity of financial institution by bankruptcy or authority suspension	IV A	264.148(b)					
	WORDING OF THE INST	TRUMENT	S					
	required wording for a trust agreement	IV A	264.151(a)(1)					
	certification of acknowledgement	IV A	264.151(a)(2)					
	required wording for a financial guarantee bond	IV A,24, †113	264.151(b)					
	required wording for a performance bond	IV A	264.151(c)					
	required wording for an irrevocable standby letter of credit	IV A, †133	264.151(d)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	required wording for a certificate of insurance for closure or post-closure care	IV A	264.151(e)					
12	required wording for letter from chief financial officer (financial assurance)	IV A,24, †113	264.151(f)					
13,14	required wording for letter from chief financial officer (liability coverage)	IV A,24, †27,113	264.151(g)					
15	required wording for corporate guarantee for closure or post-closure care	IV A,27, †113	264.151(h)(1)					
†,3,16	required wording for corporate guarantee for liability coverage	27,43,113	264.151(h)(2)					
	required wording for hazardous waste facility liability endorsement	IV A, †113	264.151(i)					
17	required wording for hazardous waste facility certificate of liability insurance	IV A, †113	264.151(j)					
3,18	wording for letter of credit for liability coverage	113,†133	264.151(k)					
19	wording for surety bond	†113	264.151(1)					
	wording for trust agreement	†113	264.151(m)(1)					
†,20	certification of acknowledgement	113	264.151(m)(2)					
†,21	wording for standby trust agreement	113	264.151(n)(1)					

			I			STATE A	NALOG IS:			
FEDERAL REC	QUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE		
† wording for of acknowled accompany to agreement	gement to	113	264.151(n)(2)							
	S	UBPART I	- USE AND MANAGI	EMENT OF CON	ΓAINER	S				
APPLICABILITY										
storage of ha waste in cont		IV A	264.170							
CONDITION OF CONTAINERS										
requirements container is n condition		IV A	264.171							
COMPATIB	ILITY OF W	ASTE WITH	H CONTAINERS							
container mu compatible w hazardous wa	ith	IV A	264.172							
MANAGEM	ENT OF CO	NTAINERS								
closed contai	ner during	IV A	264.173(a)							
care in handl	ing	IV A	264.173(b)							
INSPECTIO	NS									
weekly inspe	ctions	IV A	264.174							
CONTAINM	IENT									
requirement f		IV A	264.175(a)							
			264.175(b)							
containment	•	IV A	264.175(b)(1)							
	design and operation requirements		264.175(b)(2)							
1			264.175(b)(3)							
			264.175(b)(4)							

FEDERAL REQUIREMENTS				STATE ANALOG IS:			
	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.175(b)(5)					
containers without free liquids don't require a containment system; exceptions	IV A,14	264.175(c)					
sloped storage area to drain precipitation	IV A	264.175(c)(1)					
elevated containers	IV A	264.175(c)(2)					
containment system requirements for storage of F020-F023, F026,		264.175(d)					
F027	14	264.175(d)(1)					
reserved	14	264.175(d)(2)					
SPECIAL REQUIREME	NTS FOR IG	NITABLE OR REAC	TIVE WASTE			•	<b>T</b>
required distance from property line	IV A	264.176					
SPECIAL REQUIREME	NTS FOR IN	COMPATIBLE WAS	ΓES				
not to be placed in same container	IV A	264.177(a)					
not to be placed in unwashed, previously used container	IV A	264.177(b)					
separation or protection requirements	IV A	264.177(c)					
CLOSURE							
decontamination or removal at closure	IV A	264.178					

		<u> </u>							
						STATE A	NALOG IS:		
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
22	The owner or operator shall manage all hazardous waste placed in a container in accordance with the requirements of subpart CC of this part.	154.1	264.179						
			SUBPART J - TANK	SYSTEMS					
	APPLICABILITY								
23	tank systems used for storing or treating hazardous wastes; exceptions	IV A,28, 82	264.190						
23	tank systems which contain no free liquids are exempted from 264.193; test Method 9095 must be used to demonstrate absence of free liquids	IV A,†28, †52,126	264.190(a)						
23	tanks in secondary containment systems exempt	IV A,†28, †52	264.190(b)						
	tanks, sumps and other collection devices used in conjunction with Subpart W-regulated drip pads must comply with Part 264 Subpart J requirements	82	264.190(c)						
24	ASSESSMENT OF EXIST	TING TANI	SYSTEM'S INTEGR	ITY					
	written assessment of tank system's integrity	28	264.191(a)						
	adequate design; sufficient structural strength; compatibility with waste(s)	28	264.191(b)						

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.191(b)(1)					
		264.191(b)(2)					
		264.191(b)(3)					
		264.191(b)(4)					
		264.191(b)(5)					
minimum assessment		264.191(b)(5)(i)					
considerations	28	264.191(b)(5)(ii)					
12 mos. deadline if materials become hazardous wastes after 7/14/86	28	264.191(c)					
tank systems found to be leaking or unfit for use, compliance with 264.196		264.191(d)					
DESIGN AND INSTAL	LATION OF	NEW TANK SYSTEM	IS OR COMPON	ENTS			
information to be included in written assessments for new tank systems or components	28	264.192(a)					
design standards	28	264.192(a)(1)					
hazardous characteristics	s 28	264.192(a)(2)					
contact with soil or water; required determinations	28	264.192(a)(3)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.192(a)(3)(i)					
		264.192(a)(3)(i)(A)					
		264.192(a)(3)(i)(B)					
		264.192(a)(3)(i)(C)					
		264.192(a)(3)(i)(D)					
		264.192(a)(3)(i)(E)					
		264.192(a)(3)(i)(F)					
factors affecting potential		264.192(a)(3)(i)(G)					
for corrosion	28	264.192(a)(3)(i)(H)					
		264.192(a)(3)(ii)					
	28	264.192(a)(3)(ii)(A)					
type and degree of external corrosion		264.192(a)(3)(ii)(B)					
protection needed		264.192(a)(3)(ii)(C)					
protection from traffic for underground components	28	264.192(a)(4)					
		264.192(a)(5)					
		264.192(a)(5)(i)					
design considerations to ensure protection from		264.192(a)(5)(ii)					
environment	28	264.192(a)(5)(iii)					
		264.192(b)					
		264.192(b)(1)					
		264.192(b)(2)					
		264.192(b)(3)					
		264.192(b)(4)					
new tank installation procedures; inspection		264.192(b)(5)					
requirements	28	264.192(b)(6)					

				STATE ANALOG IS:				
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE	
backfilling requirements for new underground tank								
systems	28	264.192(c)						
tightness requirement	28	264.192(d)						
protection of ancillary equipment	28	264.192(e)						
corrosion protection requirements	28	264.192(f)						
written statements and certification statements	28	264.192(g)						
4 CONTAINMENT AND I	ETECTION	OF RELEASES					_	
		264.193(a)						
		264.193(a)(1)						
		264.193(a)(2)						
		264.193(a)(3)						
schedule for providing secondary containment		264.193(a)(4)						
for tank systems	28	264.193(a)(5)						
		264.193(b)						
requirements for secondary containment		264.193(b)(1)						
systems	28	264.193(b)(2)						
		264.193(c)						
		264.193(c)(1)						
		264.193(c)(2)						
minimum specifications of secondary containment		264.193(c)(3)						
systems	28	264.193(c)(4)						

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.193(d)					
		264.193(d)(1)					
		264.193(d)(2)					
devices that satisfy the		264.193(d)(3)					
secondary containment requirements	28	264.193(d)(4)					
additional requirements for secondary containment systems	28	264.193(e)					
		264.193(e)(1)					
		264.193(e)(1)(i)					
		264.193(e)(1)(ii)					
additional requirements		264.193(e)(1)(iii)					
for external liner systems	28	264.193(e)(1)(iv)					
		264.193(e)(2)					
		264.193(e)(2)(i)					
		264.193(e)(2)(ii)					
		264.193(e)(2)(iii)					
		264.193(e)(2)(iv)					
		264.193(e)(2)(v)					
		264.193(e)(2)(v)(A)					
additional requirements		264.193(e)(2)(v)(B)					
for vault systems	28	264.193(e)(2)(vi)					
		264.193(e)(3)					
		264.193(e)(3)(i)					
additional requirements		264.193(e)(3)(ii)					<u> </u>
for double-walled tanks	28	264.193(e)(3)(iii)					

	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	secondary containment requirements for ancillary equipment; exceptions	28	264.193(f)					
	aboveground piping	28	264.193(f)(1)					
	welded parts and connections	28	264.193(f)(2)					
	sealless or magnetic coupling pumps and sealless valves	28,52	264.193(f)(3)					
	pressurized aboveground piping systems with automatic shut-off	20	264 102(5)(4)					
	devices	28	264.193(f)(4)					
†,7	Variance from Section Req	uirements						
	general requirements for variance	28	264.193(g)					
			264.193(g)(1)					
	considerations in granting		264.193(g)(1)(i)					
	variance based on demonstration of		264.193(g)(1)(ii)					
	equivalent ground water and surface water		264.193(g)(1)(iii)					
	protection protection	28	264.193(g)(1)(iv)					
	factors to be considered in granting a variance	28	264.193(g)(2)					
			264.193(g)(2)(i)					
			264.193(g)(2)(i)(A)					
			264.193(g)(2)(i)(B)					
	factors regarding the		264.193(g)(2)(i)(C)					
	potential adverse effects on ground water, surface		264.193(g)(2)(i)(D)					
	water and land quality	28	264.193(g)(2)(i)(E)					

STATE ANALOG IS:

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
		264.193(g)(2)(ii)					
		264.193(g)(2)(ii)(A)					
factors regarding the		264.193(g)(2)(ii)(B)					
potential adverse effects of a release on ground		264.193(g)(2)(ii)(C)					
water quality	28	264.193(g)(2)(ii)(D)					
		264.193(g)(2)(iii)					<u> </u>
		264.193(g)(2)(iii)(A)					
		264.193(g)(2)(iii)(B)					
		264.193(g)(2)(iii)(C)					
factors regarding the potential adverse effects of a release on surface		264.193(g)(2)(iii) (D)					
water quality	28	264.193(g)(2)(iii)(E)					
		264.193(g)(2)(iv)					
factors regarding the potential adverse effects		264.193(g)(2)(iv)(A)					
of a release on the land	28	264.193(g)(2)(iv)(B)					
		264.193(g)(3)					
		264.193(g)(3)(i)					
		264.193(g)(3)(ii)					
requirements if release occurs from primary tank		264.193(g)(3)(ii)(A)					
system but no migration beyond zone of		264.193(g)(3)(ii)(B)					
engineering control	28	264.193(g)(3)(iii)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
			264.193(g)(4)					
	requirements if release		264.193(g)(4)(i)					
	occurs and migrates beyond zone of		264.193(g)(4)(ii)					
	engineering control	28	264.193(g)(4)(iii)					
†,7	Variance Procedures							
			264.193(h)					
			264.193(h)(1)					
			264.193(h)(1)(i)					
			264.193(h)(1)(ii)					
			264.193(h)(2)					
	procedures for requesting		264.193(h)(3)					
	a variance	28	264.193(h)(4)					
			264 102(;)					
			264.193(i)					
			264.193(i)(1)					
			264.193(i)(2)					
	requirements for all tank systems until such time		264.193(i)(3)					
	as secondary containment		264.193(i)(4)					
	is provided	28	264.193(i)(5)					
24	GENERAL OPERATING	REQUIREN	MENTS					
	when hazardous waste or treatment reagents must not be placed in tank							
	systems	28	264.194(a)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
			264.194(b)					
			264.194(b)(1)					
	minimum controls and practices to prevent spills		264.194(b)(2)					
	and overflows	28	264.194(b)(3)					
	264.196 requirements if a leak or spill occurs in the system	14,28	264.194(c)					
24	INSPECTIONS	,			<u> </u>			
	schedule and procedure for inspecting overfill							
	controls	28	264.195(a)					
			264.195(b)					
			264.195(b)(1)					
	daily inspection		264.195(b)(2)					
	requirements	28	264.195(b)(3)					
			264.195(c)					
	minimum inspection frequency for cathodic		264.195(c)(1)					
	protection systems	28	264.195(c)(2)					
	document in operating record	28	264.195(d)					
24	RESPONSE TO LEAKS O	OR SPILLS	AND DISPOSITION (	OF LEAKING OR	UNFIT	-FOR-US	SE TANI	ζ
	immediate removal from service of leaking or unfit-for-use tank or secondary containment system	28,52	264.196					
	cessation of use; prevent flow or addition of wastes	28	264.196(a)					

				STATE ANALO		NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADE IN SCOP
schedule for removal of waste from tank system		264.196(b)(1)					
or secondary containment system	28	264.196(b)(2)					
		264.196(c)					
containment of visible releases to the		264.196(c)(1)					
environment	28	264.196(c)(2)					
		264.196(d)(1)					
		264.196(d)(2)					
		264.196(d)(2)(i)					
		264.196(d)(2)(ii)					
		264.196(d)(3)					
		264.196(d)(3)(i)					
		264.196(d)(3)(ii)					
required notifications and		264.196(d)(3)(iii)					
reports following any release to the		264.196(d)(3)(iv)					
environment	28	264.196(d)(3)(v)					
		264.196(e)(1)					
		264.196(e)(2)					
provision of secondary		264.196(e)(3)					
containment, repair, or closure	28	264.196(e)(4)					
certification of major repairs	28	264.196(f)					
CLOSURE AND POST-C	LOSURE C	ARE					
general closure requirements	28	264.197(a)					

					STATE A	NALOG IS:	
FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
specific requirements when contaminated soils cannot practically be removed or decontaminated; closure as a landfill	28	264.197(b)					
closure plans and		264.197(c)					
financial responsibility requirements for tank		264.197(c)(1)					
systems without secondary containment		264.197(c)(2)					
that fall under 264.193(b)-(f) and are		264.197(c)(3)					
not exempt from		264.197(c)(4)					
secondary containment requirements	28	264.197(c)(5)					
SPECIAL REQUIREMEN	TS FOR IG	NITABLE OR REAC	ΓΙVE WASTES				
no ignitable or reactive waste in tank systems unless:	IV A,28	264.198(a)					
		264.198(a)(1)					
waste is treated, rendered		264.198(a)(1)(i)					
or mixed	IV A,28	264.198(a)(1)(ii)					
waste is protected	IV A,28	264.198(a)(2)					
system used solely for emergencies	IV A,28	264.198(a)(3)					
maintenance of protective distances	IV A,28	264.198(b)					
SPECIAL REQUIREMEN	TS FOR IN	COMPATIBLE WAS	ΓES				
no placement of incompatible wastes in tank system unless compliance with 264.17(b)	IV A,28	264.199(a)					

						STATE A	NALOG IS:	
	FEDERAL REQUIREMENTS	CHECKLIST REFERENCE	FEDERAL RCRA CITATION	ANALOGOUS STATE CITATION	EQUIV- ALENT	LESS STRIN- GENT	MORE STRIN- GENT	BROADER IN SCOPE
	no placement in contaminated tank system unless compliance with 264.17(b)	IV A,28	264.199(b)					
22,25	The owner or operator shall manage all hazardous waste placed in a tank in accordance with the requirements of subpart CC of this part.	14,28, 154.1	264.200					

In Checklist IV A, this text was included in 264.142(a).

- Note that there is an error in the September 6, 1992 (57 <u>FR</u> 42832; Revision Checklist 113) <u>Federal Register</u>; at 264.145(f)(11) "direct of higher tier" should be "direct or higher tier."
- Note that in Revision Checklist 113 (the Consolidated Liability Requirements Checklist), the changes to this citation addressed by the September 1, 1988 (53 <u>FR</u> 33938) final rule are optional whereas the changes addressed by the July 1, 1991 (56 <u>FR</u> 30200) are required.
- The September 1, 1988 (53 FR 33938) rule added 264.147(a)(7) and (b)(7) to the code, and the September 16, 1992 rule (57 FR 42832) revised them (including adding 264.147(a)(7)(iii) and (b)(7)(iii)). Note that the preamble of the September 1, 1988 Federal Register incorrectly characterized these paragraphs as less stringent. The September 16, 1992 Federal Register clarified this issue by stating that, in fact, these paragraphs are more stringent because they address an additional reporting requirement. The amendment made by the September 16, 1992 rule made these requirements less stringent than those introduced by the September 1, 1988 rule. Thus, those States that adopted the more stringent September 1, 1988 provisions are not required to adopt the amendments made by the September 16, 1992 rule, although EPA urges them to do so. States that did not adopt the September 1, 1988 requirements at 264.147(a)(7) and (b)(7) should not do so but should adopt the clarified version promulgated by the September 16, 1992 rule.
- Revision Checklist 45 added the reference to miscellaneous units to the first sentence of this paragraph. When the September 1, 1988 rule revised this paragraph, the Revision Checklist 45 change was inadvertently omitted. The July 1, 1991 rule restored the Revision Checklist 45 reference to miscellaneous units.
- The September 1, 1988 rule (53 <u>FR</u> 33938; Revision Checklist 113) completely revised 264.147(b)(4) and deleted subparagraphs 264.147(b)(4)(i)-(iii).
- Citations within the double lines are optional, but if a State chooses to modify its program to adopt requirements equivalent to these provisions, it must adopt such requirements as a unit rather than by individual provision. In other words, all or none of these provisions must be included in a State's code. Subsequent changes to these provisions may or may not be optional for States that have chosen to adopt the optional unit of

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provisions. An optional sign appears in front of the subsequent revision checklist number(s) if such subsequent changes are less stringent than or reduce the scope of the unit's requirements.

- The September 1, 1988 rule (53 <u>FR</u> 33938; Revision Checklist 113) changed the heading for this paragraph by removing "corporate" before "guarantee."
- Note that only (g)(1)(ii) is removed and reserved; (g)(1)(i) remains as it was prior to the September 1, 1988 final rule addressed by Revision Checklist 113.
- The September 1, 1988 rule (53 <u>FR</u> 33938, Revision Checklist 113) redesignated the old 264.147(h) as 264.147(k) and added a new paragraph 264.147(h). Although not included in Checklist IV B, the text of the old 264.147(h) (now 264.147(k)) was included in the base program as 264.147(g). The paragraph was designated as 264.147(h) by Revision Checklist 27.
- Note that there is an error in the September 1, 1988 <u>Federal Register</u> (53 <u>FR</u> 33938; Revision Checklist 113); "letter or credit" should be "letter of credit".
- The changes addressed by Revision Checklist 113 at this citation are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional changes at 264.143(f)(10), 264.145(f)(11), 265.143(e)(10) and 265.145(e)(11). If a State chooses to adopt the optional changes at 264.143(f)(10), 264.145(f)(11), 265.143(e)(10) and 265.145(e)(11), it must also adopt the changes at this citation. If the State does not adopt those changes, it should not adopt the Revision Checklist 113 changes at 264.151(f).
- Note that in Revision Checklist 113 (the Consolidated Liability Requirements Checklist), the changes to this citation addressed by the September 1, 1988 (53 FR 33938) final rule are required whereas the changes addressed by the September 16, 1992 (56 FR 30200) final rule are optional. However, the changes addressed by the September 16, 1992 rule are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional changes at 264.147(f)(6) and 265.147(f)(6). If a State chooses to adopt the optional changes at 264.147(f)(6) and 265.147(f)(6), it must also adopt the changes made by the September 16, 1992 final rule at this citation. If the State does not adopt those changes, it should not adopt the September 16, 1992 changes at 264.151(g).
- Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(g) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(g) paragraph 4, line 5	57 <u>FR</u> 42837, column 3	"'nonsudden' of 'both sudden" should read "'nonsudden' or 'both sudden"
264.151(g), item 3., line 8	57 <u>FR</u> 42838, column 1	"subpart H or 40 CFR parts" should read "subpart H <u>of</u> 40 CFR parts"
264.151(g), Part A, Alternative I.3	57 <u>FR</u> 42838, column 1	"Current \$" should read "Current liabilities \$"

40 CFR Part 264, Subparts H-J, as of June 30, 1996 (cont'd)

264.151(g), Part B, Alternative II.7., line 5	57 <u>FR</u> 42838, column 3	")\$" should be ") \$"
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The changes addressed by Revision Checklist 113 at this citation are "conditionally optional" because they are linked to whether a State chooses to adopt the Revision Checklist 113 optional provisions at 264.147(h)(4), 264.147(h)(5), 265.147(h)(4) and 265.147(h)(5). If a State chooses to adopt the optional provisions at 264.147(h)(4), 264.147(h)(5), 265.147(h)(4) and 265.147(h)(5), it must also adopt the changes at this citation. If the State does not adopt those provisions, it should not adopt the Revision Checklist 113 changes at 264.151(h)(1).

Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(h)(2) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(h)(2), Guarantee for Liability Coverage, line 15	57 <u>FR</u> 42839, column 3	"or which guarantor is" should read "of which guarantor is"
264.151(h)(2), Guarantee for Liability Coverage, line 19	57 <u>FR</u> 42839, column 3	"264.141(h)]" should read "264.141(h) <u>or 265.141(h)]</u> "
264.151(h)(2), Certification of Valid Claim, line 8	57 <u>FR</u> 42840, column 2	insert "]" after "facility"

Note that there is a typographical error in the <u>Federal Register</u>; in line three of the revised text of (j)(2)(d) shown at 53 FR 33955, "corportation" should be "corporation".

Note that there are several typographical errors in the <u>Federal Register</u> at 264.151(k) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(k), Irrevocable Standby Letter of Credit, line 26	57 <u>FR</u> 42840, column 3	insert "]" after "trust fund:"
264.151(k), (2), 2nd paragraph, lines 2 & 5	57 <u>FR</u> 42841, column 1	delete "]" in "[date]" in line 2 add "]" after "[date" in line 5
264.151(k), (2), 4th paragraph, line 7	57 <u>FR</u> 42841, column 1	end paragraph with "]"

Note that there are several errors in the September 1, 1988 <u>Federal Register</u>. Explanatory paragraph 10, as well as the actual text of the revised code, should read "(1)" rather than "(1)" (letter rather than number one). Also, the first sentence of the introductory text for the surety bond should reference "\s 264.147(i) or \s

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265.147(i)" rather than "\s 264.147(h) or \s 265.147(h)".

- Note that the introductory paragraph for 264.151(m)(2) is not clearly distinguished from the preceding and following certifications. In the middle of the third column at 53 <u>FR</u> 33958, the paragraph numbered (2) and ending with "of this acknowledgement." is the introductory paragraph and should have been printed in the larger type size used for such paragraphs. The example of the certification begins "State of".
- Note that there is a typographical error in the <u>Federal Register</u> at 264.151(n)(1) as indicated below:

Federal citation	Federal Register location	Error/Corrections
264.151(n)(1) Standby Trust Agreement Section 3(e)(3)	57 <u>FR</u> 42841, column 3	insert "to" after "Property loaned"

- Sections 264.179 and 264.200, in Subparts I and J respectively, were revised or added by Rule 154.1 (59 <u>FR</u> 62896). See the prenote for this checklist regarding State adoption of Revision Checklist 154.
- Revision Checklist 28 completely revised this base program paragraph (Checklist IV A). Note that in the base program, the content of the current 264.190 introductory paragraph was originally located at 264.190(a).
- Revision Checklist 28 completely reorganized and revised the regulations pertaining to tank systems which originally appeared in Checklist IV A at 264.191 through 264.197.
- Revision Checklist 14 originally introduced 264.200 to the Federal code. Revision Checklist 28 then removed the paragraph. New text designated as 264.200 was introduced by Revision Checklist 154.1.